

Radio Hams -- Attention!

## DOMINION AMATEUR RADIO CONVENTION

Toronto, October 6-7, 1939

CANADIAN GENERAL ELECTRIC CO. LIMITED extends a most hearty welcome to the Dominion Amateur Radio Convention, to be held at the Royal York Hotel, Toronto, October 6th and 7th, 1939.

We sincerely hope that your visit will be a pleasant one, and that your meetings will prove both interesting and instructive.

For those interested, your Convention Committee is arranging a tour of the Radio Valve Works, where you will see the famous G-E Radiotrons being manufactured. Be sure to register early with Convention Headquarters at 88 Welland Avenue, Toronto. We're hoping to see you along.

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P.S.—Sept. 10.—We note with regret the cancellation of your Convention in view of present war regulations.

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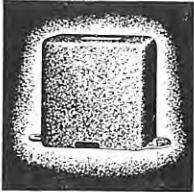
# XTAL

devoted entirely to

the amateur

1939

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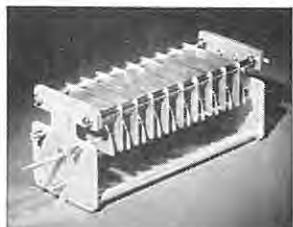
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# XTAL

PUBLISHED MONTHLY BY  
THE VE OPERATORS' ASSOCIATION

21

AT  
106 JARVIS STREET  
TORONTO, ONTARIO, CANADA

## 73 & CUL

This issue of XTAL was scheduled to go to press late in August, but because of the imminence of European developments publication was postponed until we received definite information.

Being mindful of our obligations as citizens of the British Empire and as hams as set out in Section 11 of the Radio Act, 1938, your Executive Committee on Sept. 1 met and decided to wire the Department of Transport as follows:

"We, the Executive Committee of the Canadian Amateur Radio Operators' Association, wish to place at the disposal of your department, or of any department of the Government, the membership of 500 and the organization of the VE Operators' Association.

"Our association is exclusively Canadian, with membership from coast to coast, and therefore it is believed that we may be in a position to render assistance to the Government in the present international crisis.

"We do not presume to suggest the nature of such assistance, but we hasten to assure you that any service we may be called upon to render will be expeditiously discharged in the spirit of loyalty and with a keen appreciation of the seriousness of any mission entrusted to us and of the honour conferred upon us in being permitted to serve His Majesty's Government.

"May we also direct your attention to the fact that our association has been working co-operatively with the Canadian Amateur Radio Co-operation Corps in connection with "A" Corps Signals, Toronto, in the organization of that body. The effect of this activity is a co-ordination of preparedness and organization between the two bodies, culminating in a unit which may prove of inestimable value in an emergency.

"In conclusion, may we say, sir, that the VE Operators' Association and its members individually stand ready to serve and to impose upon itself all the discipline and routine demanded by an exigency.

and which is so thoroughly understood by many of its members who served in His Majesty's forces during the war of 1914-1918."

The Minister of Transport acknowledged receipt in the following letter:

"I wish to acknowledge receipt of your telegram of the 1st instant on behalf of the Executive Committee of the Canadian Amateur Radio Operators' Association, placing the services of the association at the disposal of the Department of Transport or any other department of the Government in connection with the present national emergency.

"In reply I may say that the offer of the Canadian Amateur Radio Operators' Association in this regard is greatly appreciated, and I have forwarded a copy of your telegram to the Department of National Defence, who no doubt will reply to you direct should they wish to avail themselves of your organization's services."

Notification has been sent out by the Department to "completely dismantle and render inoperative" all amateur stations. From Department officials at Toronto we learn that all wiring must be removed from radio frequency line-ups, all speech equipment and power supplies disconnected, and all transmitting antennae must be taken down.

The absence of the amateur transmitting apparatus market will curtail advertising to a degree which will make impossible the continued publication of XTAL.

The discontinuance of transmitting activity and XTAL must not be construed as meaning a collapse of the association. The task of a Canadian ham radio organization, as outlined in the objects of this association, is a never-ending one. Therefore, provision is being made for maintenance of an association headquarters. All dues are suspended, and membership cards will be issued for the unexpired portion of membership term paid in advance immediately ham radio is re-  
(Continued on page 8)



**Members' Activity Reports**

VE4AMT is in the tombstone and monument business in Portage La Prairie, Man., and also makes very FB sand-blast ham signs, and is on 7 and 14 mc. 4ANI drives van for "Manitoba School" and can be found on 3.5 and 14 mc. 4VL is a fireman, and on 7 and 3.5 mc. 4ALT is in the hardware business and on 7 and 14 mc. and 3AFW is also in the same business. 3BY is on the teaching staff at Picton Collegiate and expects to be on from there in the early fall. When the principal of said collegiate found out about 3BY it looks as if he may have a radio class too, which'll mean more VE's before long. 4VN still DXing on 14 mc and picking off the odd ZL. 4ABM and 4UF rebuilding to trifle more sock, 4AF and 4AG are on 7 mc. 5EO and 4EO try ping-pong and 4EO can't eke out a victory. 4DB has an FB7 on 14 mc now. 4AHA is new call at Hardieville, Alta. 4ZI, PZ and ADY are on 3.5 now that most of the farming is over. 4ACS has an 80 meter vari-xtal, so watch his smoke now. Cupid surely sharpened his darts this last spring and summer for he put a couple through the handsome, heart-breaking bachelor 5EC, and by the time you read this he'll be sunk. 5KU is a new call in Victoria, and is looking for a new receiver. (Aren't we all?) 5GA's new beam strutted its stuff by bagging 5 VKS on phone the first night it was up. 5ABY promises his exciter'll be on soon. 5FG of Prince George paid an altogether too short visit to Victoria. 5DY is boss of a few trillion bees at Cowichan. 3AZI runs a hotel at Milford Bay on Lake Muskoka and is glad to welcome all hams when passing through, even if the summer is over. He is also increasing power, being on the lookout for a 750 or 1,000 volt 60 cycle transformer. 3JO has been hitchhiking to and from a golf course and playing 54 holes nearly every day and wonders why some muscles are tired. 3ABY is in the servicing business in Bracebridge.

VE4ZK, John Gordon, of Winnipeg, whose voice is familiar to many 20-metre phone operators, has been visiting many of the hams in and around Toronto after motoring the distance from Winnipeg in short order. ZK is a well-known Winnipeg grain broker, and has been active in the Winnipeg Grain Exchange for many years. His Collins transmitter and General rotary beam make a good combination for getting out; we have John's own word for that.

**9th Annual B.E.R.U. Contests**

The results of the 1939 "B.E.R.U. Tests" show that very few VE's participated—or at least bothered to send in their logs showing their results. It is really difficult to understand why more VE's do not take advantage of these annual Empire dx contests to work a lot of fellow-Britishers and some of those elusive Empire countries.

The Senior Transmitting Contest was won by ZS2AL, 1,410 points, who contacted 145 Empire stations in 27 zones on 14 mc exclusively, using 80 watts to a T40. Next was ZC6EC, 1,193 points, 193 stations in 20 zones, on 14 and 7 mc, 100 watts input. Third was G5WP, 1,079 points, 95 stations in 25 zones, using 50 watts to a T55.

The leading Canadian was in 33rd place, being VE3KE, 579 points, using the same low power as described in XTAL'S dx columns in past issue. Next, in 46th place, VE5VO, 464 points; 48th, VE5ZM, 435 points; 52nd, VE1HK, 405 points; 54th, VE3AIB, 395 points; 58th, VE1EA, 349 points; 59th, VE3ES, 342 points; 71st, VE3DA, 306 points; 81st, VE4EO, 258 points; 84th, VE3VN, 240 points; 92nd, VE5HR, 200 points; 94th, VE3AKG, 185 points; 102nd, VE4ABC, 168 points; 104th, VE1CU, 156 points; 108th, VE3GT, 142 points; 112th, VE4OB, 114 points; 115th, VE5QP, 89 points; 115th, VE3DU, 89 points; 123rd, VE3AQB, 69 points; 124th, VE3TO, 54 points.

The Junior Transmitting Contest was won by VU2FO, 891 points, working 99 stations in 17 zones, and using only 10 watts to a single 6L6 E.C.O. VK4BB was second with 872 points, using 25 watts, and VU2LK, 797 points, was third, using 10 watts.

The leading Canadian was again VE3KE, 393 points, being in 25th place. Next, in 27th place, VE1HK, 366 points; 40th, VE1EA, 288 points; 54th, VE3ES, 187 points; 64th, VE5QP, 155 points.

VE participants in both contests totalled 20 different VE's made up from 3 in VE1, 10 in VE3, 3 in VE4, 4 in VE5, and none in VE2.

VE1EK, 1IR, 2FC, 3AJX, 3AMK, 4HM and 4LQ also were active in the "tests," but did not compete.

VE3AJU made up that variable crystal holder described by VE4KJ in April XTAL, and claims he gets a 10 kc variation on the fundamental frequency. Remember—the holder was a Bliley BC2 with screw top.

**Ultra-High News in Canada**

Canadians have not taken to the 56 mc band, and of those that have, 80 per cent of them use modulated oscillator type transmitters. Of course the possibilities of working our American cousins across the line are quite remote with this type of rig because they all use superhet receivers.

Some of the better-equipped Canadian stations have been able to make some very fine contacts. VE3ADO with his new 15-tube super and new transmitter in the week of July 20 to 27 made 74 contacts. The outstanding stations worked are: W8RV, CIR, PK, SOK, NOR, FQS, PCD, RUE, NOJ, NYB, CMK, NBV, QDU, QZN, KWD; W9GHW, VHG, ZHB, AHZ; W4AUU, DRZ, EDD; W5AJG, W5FYF, W6KTJ.

VE3TW, VE3AVW and VE3AVQ also made some fine contacts. VE3AXP and VE3AVQ both worked W9GHW.

**Radio Hill Meet, July 23**

The annual VE3 and W8 meet held on Radio Hill, Lake Erie, with portable, marine, mobile and fixed radio stations in operation, had an excellent turnout.

W8RV with his imported Western New York ball players was one of the main attractions, and it was only at the dying moments of the game that the Niagara District Band Combers were able to tie up the score. The same was experienced in the water ball games.

Those who could not forget radio had the pleasure of working on the 56 mc band VE3TW, St. Catharines; W8NOR, Buffalo; W8CMK and W8NOJ, Erie, Pa.; W8CIR, Pittsburg, Pa., and it was possible at all times to work such portables as VE3HR, VE3NH, VE3GM, VE3AB, VE3DC and VE3CJ. It was also reported that VE3XZ contacted a portable W6, but no record of its contact showed in the log. VE3CJ of Oakville, VE3DC of Dundas, VE3ZB of St. Catharines, and VE3GM of Hamilton displayed some fine U.H.F. equipment.

A list of some of the visitors as they arrived between 11.45 a.m. and 12.00 p.m. is as follows: VE3DC, XYL; W8NOR, YL; W8SOK, XYL; VE3OJ, XZ, CJ, GM, TU, NH, XX, AI, VM, TW, ALN, OL, ZB, AFI, HR, also W8RV, HQC, JTH, KNE, BXH, CDM, PCB, also K6MSD many friends and BCL'S not listed.

A hearty vote of thanks was extended to VE3ADO and XYL by the Western New York Club and Niagara district VE operators.

**Club Activity Reports**

The Southern Alberta A.R.C. had a really successful meeting at the Y.M.C.A. in Lethbridge on June 12th, and plans were completed for FD participation. A bowling match between the c.w. and 'phone boys was won by the c.w. boys, and why wouldn't it be!

The Loyalist City A.R.C. of St. John, N.B., held a very successful Field Day, using 5 meters from the top of Mt. Champlain on June 18th. This mountain is located about 20 miles north of Saint John. The portable rig on the mountain run from storage battery supply put in a nice signal to the mobile rig 12 miles away, although the mobile rig was not heard at the mountain top. However, from distances ranging from 4 to 8 miles, 2-way S9 contacts were held between the mountain and mobile rigs in cars. Much experience was gained with regard to flies, mosquitoes, etc. As the mountain is 1,500 feet above sea level, it proved to be a very fine location for 56 mc. experimenting, and more such experimenting is planned.

The North Riverdale Radio Club of Toronto is having lots of fun getting their portable equipment in operating shape. A Model T Ford engine mounted on a two wheel trailer, belt drives a re-wound generator for 110 volt power supply. One August weekend, the boys took along the trailer, 2 portable transmitters, 2 receivers and 5 meter equipment, yls, xylos and, of course, lots of food, tents and cooking equipment, and made a real weekend of it. Contacts were not so good, it rained plenty, but that did not dampen the fun, so another outing is being planned. The call is VE3GJ, so watch for them as they also operate from the permanent club station under the same call.

The members of West Side Radio Club have been active during the summer, operating portable at their field-day location near Thistletown. VE3AIB's 3-watt portable 160 fone rig did a fb job, receiving an R9 report from Rochester and R8 from West Virginia and Connecticut. The rig consisted of a 6J5 Pierce oscillator into a 6K7 final modulated by a single 6F6. After experimenting with numerous antennae, a half-wave centred zepp proved most efficient. On Friday, Sept. 15th, the W.S.R.C. holds its first meeting of the coming season in the renovated H.Q. All visitors will be welcomed.

## Constitution of the VE Operators' Association

By instruction of the executive committee, the constitution of the VE Operators' Association is herewith submitted for approval by the membership. Ballots for the purpose have been sent to all members, and must be returned to the secretary not later than Oct. 10, 1939. Should the vote favor adoption, the constitution will become effective on Oct. 1, 1939.

1. The name of the Association shall be "The VE Operators' Association," hereafter called the Association. When the name shall appear, or be referred to in public, it may be cited as "The Canadian Amateur Radio Operators' Association."

2. The objects of the Association shall be:

- (a) To foster intelligent and serviceable use of amateur radio.
- (b) To further international good-will.
- (c) To co-operate in the observance and enforcement of amateur radio laws.
- (d) To present non-partisan information on amateur radio activities by operating Official Amateur Stations, or by such other means as may be deemed expedient.
- (e) To extend assistance towards the clarification of amateur radio problems.
- (f) To guard and further the radio interests of every Canadian amateur radio operator.
- (g) To promote contests and such other activities as are deemed to give effect to the objects of the Association in the furtherance of the interests of Canadian amateur radio operators.
- (h) To promote the cultural and recreational use of leisure by creating a more comprehensive appreciation of the potential value of amateur radio as an agent of fraternalism.

3. The Association shall be affiliated with such body or bodies as a majority of the members of the Association shall decide.

4. The headquarters of the Association shall be in the City of Toronto.

5. The office of the Secretary, the Treasurer, and of the Publications Manager shall be at headquarters.

6. (1) Membership shall be available to any person holding an Amateur Experimental Station license issued by the Department of Transport, provided not more than two years have elapsed since the date of issuance of such license.

(2) Associate membership shall be available to any person having a bona fide interest in amateur radio, and who cannot qualify for membership under the provisions of sub-section 1.

(3) The voting privilege of an Associate member shall be restricted to the nomination and election of members to the Executive Committee except in such matters which the Executive Committee may from time to time extend to the vote of Associate members.

7. (1) Dues shall be one dollar annually, payable in advance, and shall be for a period of one year from the date on which membership is granted according to the records of the Association.

(2) A member shall be automatically suspended if his dues are not paid within sixty days from the date upon which they are due and payable.

8. The Association year shall be the calendar year.

9. The affairs of the Association, and all matters of business in connection therewith, shall be vested in the Executive Committee.

10. The officers of the Association shall be a President, a Vice-President, a Secretary and a Treasurer.

11. There shall be an Executive Committee composed of the members elected from each Call District, the Chairman of each Chapter, and the Immediate Past President.

12. The Executive Committee shall, from its own numbers, elect the officers and a Publications Manager.

13. (1) The Executive Committee shall appoint Under-Secretaries in charge of the activities of the Association relative to each of the following departments: Members, Clubs, Chapters, Technical, International, Legislation, Publicity and Expansion, and Statistics.

(2) Any member of the Association in good standing shall be eligible for appointment as an Under-Secretary.

14. The Executive Committee shall, at its first meeting following election, appoint two auditors.

15. (1) Any member in good standing whose nomination qualifies pursuant to the provisions of this constitution, and who is not rendered ineligible by sub-section 2, shall be eligible for nomination or election to the Executive Committee.

(2) A member engaged in the manufacture, sale or rental of amateur radio equipment shall not be eligible for nomination or election to the Executive Committee.

16. (1) Each Call District shall be entitled to elect one of its members to the Executive Committee.

(2) Whenever a Call District includes within its area an Association membership of fifty, it shall be entitled to elect a second member to the Executive Committee, and an additional member for each twenty-five members or fraction of twenty-five in excess of fifteen over the first fifty members.

(3) If, after an election, the membership of a Call District shall increase to the extent that it is entitled to additional membership on the Executive Committee, the Secretary shall forthwith institute such action as is necessary to cause the election of the additional Executive Committee member.

(4) If the increased membership referred to in sub-section 3 occurs within ninety days prior to the date upon which general election nominations are receivable, the election provisions of sub-section 3 shall become inoperative and of no effect.

17. (1) Nominations for Executive Committee members shall be received by the Secretary from the first to the twentieth days of September inclusive. Should the twentieth day of September fall on a Sunday or legal holiday, the time for the receiving of nominations shall be extended to include the immediately succeeding business day.

(2) The nomination of a member as a candidate for the Executive Committee shall be rejected by the Secretary if such nomination does not carry the signatures of at least five members in good standing.

18. (1) Immediately following the last day for receiving nominations for the Executive Committee, and prior to the first day of October next following, the Secretary shall prepare and issue to members in each Call District a ballot showing the names of candidates in their respective Districts.

(2) Ballots for the election of members to the Executive Committee must be received in the office of the Secretary not later than the thirty-first day of October following their issuance. Should that day fall on a Sunday or legal holiday, the time for receiving ballots shall be extended to include the next succeeding business day.

(3) In lieu of forwarding ballots to members they may be included in, or as part of, any publication issued for or by the Association.

(4) Whenever required, or deemed necessary by the Executive Committee, a special election may be held at times other than herein specified. On all such occasions the Executive Committee shall set all the dates necessary for the receiving of nominations and holding of the election.

19. (1) Immediately following the election of the Executive Committee, the Secretary shall prepare a ballot for the election of officers, which he shall issue to the members of the newly-elected Executive Committee not later than the tenth day of November.

(2) The officers' ballot shall show the names of all elected members of the new Executive Committee.

(3) Officers' ballots shall be returned to reach the office of the Secretary not later than the thirtieth day of November next following their issuance. Should that day fall on a Sunday or a legal holiday, the time for receiving ballots shall be extended to include the next succeeding business day.

20. The Secretary shall appoint tellers and such further election assistants as may be required.

21. The officers and Executive Committee shall assume their offices and duties on and from the first day of January following their election except in the case of a special election subsequent to January first, when the elected official shall immediately assume his office and duties.

22. (1) The name of the Chairman of a Chapter must be recorded with the Association Secretary before the said Chairman shall become a member of the Executive Committee.

(2) The recording of the name of the Chairman of a Chapter, as required by sub-section 1, must be completed not later than the thirty-first day of October in order that the Chairman may be eligible for office for the next ensuing year.

(3) If the name of a Chairman is recorded pursuant to sub-section 1 between the first day of November and the thirty-first day of December next, the Chairman shall become a member of the Executive Committee on and from the first day of January following. If the name is recorded subsequent to the first day of January, the Chairman shall immediately become a member of the Executive Committee.

23. The Chairman of a Chapter who is a member of the Executive Committee, if unable to attend any meeting of the Committee, may appoint any officer of his Chapter to represent him, and such representative shall, at such meeting, exercise the full rights of a member of the Executive Committee.

Executive Committee. Such representative must deposit at the Executive Committee meeting a credential from the said Chairman before he shall be entitled to sit as a member of the Executive Committee.

24. In the event of the absence of the President, the Vice-President and the Immediate Past President at any meeting of the Executive Committee, the meeting shall elect from those present a member who shall act as Chairman.

25. A quorum of the Executive Committee shall be eight.

26. (1) A meeting of the Executive Committee may convene if at least four members are present, but the decisions of any such meeting at which a quorum is not present shall be ineffective until at least eight members of the committee shall have cast a vote, a majority of whom shall decide the issue.

(2) The vote referred to in sub-section 1 shall include the vote of the members constituting the meeting at which a quorum was not present.

(3) All matters upon which a vote is taken at any meeting as provided by sub-section 1 shall be submitted by the Secretary to absentee members of the committee together with a record of the vote and a summary of the discussion preceding the vote.

27. The President shall:—

(a) If present, preside at all meetings of the Association and of the Executive Committee.

(b) Countersign all cheques.

(c) Have general supervision of the affairs of the Association.

(d) Have authority to grant dispensation whenever he deems it advisable for the change of date or place of any meeting of the Association or of the Executive Committee.

(e) Have authority to grant dispensation, whenever he deems it advisable, for the suspension of meetings of the Executive Committee during the months of June, July or August, or any part or parts thereof. During such recess the officers shall have full power to transact the ordinary business of the Association.

(f) Call all meetings of the Association and of the Executive Committee, and shall call a special meeting of the Executive Committee whenever eight members of the committee petition for such.

28. The Vice-President shall:—

Assist the President in the general supervision of the Association, and shall assume the duties of the President during the absence of that officer.

29. The Treasurer shall:—

(a) Receive and have custody of all monies of the Association and deposit same in a chartered bank approved by the Executive Committee.

(b) Sign all cheques and keep financial records.

(c) Submit an audited financial statement at each annual meeting of the Association, or whenever required to do so by the Executive Committee.

30. The Secretary shall:—

(a) Keep records of the meetings of the Association and of the Executive Committee.

- (b) Notify all members of meetings. Such notification may be by personal call, or through the medium of any publication issued by or for the Association.
- (c) Send copies of the minutes of the meetings of the Executive Committee to members of the committee who, by reason of residence, are unable to attend meetings of the committee.
- (d) Prepare for distribution to members, a monthly summary of the activities of the Association and of the Executive Committee. Such distribution may be through the medium of any publication issued by or for the Association.
- (e) Perform such other duties pertaining to his office as may be required or directed by the Executive Committee.

31. Auditors shall:—  
Examine the books, vouchers and other financial records of the Association, and shall certify to the accuracy of all financial statements.

32. Under-Secretaries shall:—

- (a) Conduct the correspondence and direct the activities of the Association in so far as those duties relate to their respective departments.
- (b) Give effect to the wishes and directions of the Executive Committee.
- (c) Give such assistance to the officers as may be required of them.

33. Meetings of the Association may be called by the President whenever deemed necessary, but in any year in which an annual meeting is not held, a statement of the affairs of the Association shall be sent to every member. Such statement in lieu of being otherwise prepared may appear in any publication issued by or for the Association.

34. An annual meeting may be held in any year, of which all members shall have at least sixty days' notice from the date of mailing notice of such meeting or from the date of publication of the notice.

35. The Executive Committee shall meet on the first Wednesday of each month, and as often in addition thereto as may be necessary. Should the first Wednesday of any month fall on a legal holiday, the date of meeting may be postponed to a day within the calendar month to be set by the President, or by a previous meeting of the committee.

36. (1) Authorization for the establishment of a Chapter may be granted by the Executive Committee upon the application of five members in good standing.

(2) A Chapter shall exist for the purpose of affording members an opportunity of discussing association matters and for such other purposes as the Chapter members shall decide.

(3) Any member of the Association in good standing shall be eligible for membership in the Chapter serving his locality or in the nearest Chapter thereto.

37. It shall be within the power of the Executive Committee to withhold the issuance of authority for the establishment of a Chapter in any city, town, village or locality where a Chapter has already been authorized.

38. The Executive Committee may withdraw and cancel the authority for the establishment of a Chapter, or under which a Chapter was established, for any reason it deems sufficient.

39. The Association shall not be liable for the actions of a Chapter, or for any obligation or debt incurred by a Chapter.

- 40. (1) The officers of a Chapter shall be a Chairman, a Vice-Chairman and a Secretary, who shall be elected at a meeting of the Chapter to be held between the first and fifteenth days of October, inclusive, of each year.
- (2) Immediately following the election of the officers of a Chapter the Secretary of the Chapter shall transmit to the Association Secretary the names, addresses and calls of each officer.
- 41. The Secretary of a Chapter shall communicate with the Association Secretary once each month, furnishing him with a report of the activities of the Chapter since the date of his last report.
- 42. Chapters shall meet at least twice each year.
- 43. A Chapter shall adopt by-laws for its government, but such by-laws shall not become effective until approved by the Executive Committee of the Association.
- 44. (1) Any member in good standing may propose an amendment of the constitution by petitioning the Executive Committee, provided his petition is signed by himself and at least nine members in good standing.
- (2) Any member of the Executive Committee may, at any meeting of the Executive Committee, introduce a proposed amendment of the constitution.
- (3) Upon receipt of a petition which is sufficiently signed as required by subsection 1, or upon a favourable vote of any amendment proposed pursuant to sub-section 2, the Executive Committee shall immediately place the proposed amendment before the membership for the purpose of voting thereon, allowing a period of at least thirty days for the return of votes.
- (4) A three-fifths favourable vote of all ballots cast shall be necessary to amend the constitution.

45. (1) The order of business at meetings of the Executive Committee shall be:—  
Minutes of previous meeting.

Communications.  
Bills and accounts.  
Reports of officers.  
Reports of committees.  
Unfinished business.  
General business.

(2) The order of business at General meetings shall be:—  
Minutes of previous meeting.

Report of the President.  
Report of the Secretary.  
Report of the Treasurer.  
Report of Publications Manager.  
Report of the Executive Committee.  
Reports of committees.  
General business.

(3) The reports of the President, Secretary, Treasurer, Publications Manager and of the Executive Committee, referred to in sub-section 2, shall be required to be presented at annual meetings only.

46. In all matters of procedure not covered by this constitution, Bourinot's manual on procedure shall prevail.

**W. Logan and C. Addison**  
338 Sackville St., Toronto  
Chassis Punched — Your Layout  
Rates Reasonable  
**SPECIAL PARTS TO ORDER**

# DOMINION AMATEUR RADIO CONVENTION

at the

Royal York Hotel

Toronto



Reserve these dates

Come and meet your friends



DON'T  
MISS  
THESE:

OCTOBER  
6<sup>th</sup>  
7<sup>th</sup>  
1939

HAM CALENDAR

Because of Suspension of Ham Activities  
This Convention Has Been

**CANCELLED**

**73 & CUL**

(Continued from page 1)

opened. Your association, in this manner, will be in a position to truly represent Canadian amateur radio as it does at this moment.

We wish at this time to thank our members for their support and contribution, and our advertisers for displaying the same faith in VE ham radio as this association.

As we go to press we are informed that many of our members are already serving in various branches of the Canadian Militia, including VE8ACQ, 3RF, 3ST, 3FB, 3AD, 3AWX, 3JO, 9AL, 3ALH.

Any omission in this list of the call of any member on active service is because of lack of information, and as this will be of value to the association in future, and because of our desire to keep in touch with our membership, we would appreciate being advised of any more calls which should be included, as well as changes of address.

**THE LAST STRAW**

One of our members relates the following, to record a new type of B.C.L. trouble. This ham lives on the ground floor of an apartment block, and recently erected a new rotary beam on the roof overhanging a courtyard where the apartment dwellers were wont to hang out clothes on lines below. After the beam was put into operation, a couple of irate washing machine B.C.L.'s came in to request the said ham to "Please keep your direction finder turned away from our clothes lines, as the birds perch on the cross arms and soil our fresh clothes." So you see, brethren, they get you one way or another. There just ain't no justice.

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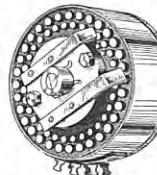
**DX Notes**

VE3KE recently got his 3 element rotary beam working on 14 and 28 mc. and has had very satisfying results so far. He received cards lately from ZB2B, EK1AF, CN8BA, OA4K, SB1CA, CT2BP, and many others. LX1AI, in Luxembourg, has been heard on 14 mc. 'phone. ZB1E, in Malta, is a rare one and on about 14050 kc. LX1AI is on 14045 kc. PJ5EE and PJ3MS who claimed Curacao QTH were worked but came in from the East! The Northern Lights have not been making European contacts in the DJDC contest very easy, but 3KE bagged some 40 of them the first week-end of the contest and is having real competition from 3ES. The VKs and ZLs come through in Toronto most mornings on 7 mc. from 7-9 a.m., E.S.T., but are very hard to snag for some reason. If any of the gang would like to contact the Northwest Territories, VE5GC and 5GE are frequently on seven frequencies between 14006 and 14396 kc.

The Brantford Amateur Radio Club picnic was held on Aug. 20 at Mohawk Park. Threatening weather held the attendance down to about sixty. Visiting hams were present from Toronto, Waterloo, Galt, Hamilton, Simcoe, Paris and Guelph. VE3SG gave a short address concerning the Canadian Amateur Radio Co-operation Corps. The raffle winners were: AVK, power relay; ABZ, pair 866 Juniors; ACR, pair 8 mfd condensers; 3YG, a 6L6; AWG's OM, pair 8 mfd condensers. Motion pictures of the gang were taken during the afternoon, and will be shown at the fall hamfest of the B.A.R.C. The CW vs. Phone ball game proved the muscle developed by brass-pounding can be used to advantage in many ways, and the code-senders won handily, though badly outclassed in heckling competition from the benches.

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